Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051319\
Data File : VF062566.D
Acq On : 14 May 2019 4:03
Operator : FY/SY
Sample : K2756-14
Misc : 6.40g/5mL/MSVOA_F/SOIL
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : P021-SS007-1218-01

Quant Time: May 14 07:07:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 04:34:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.08	168	321702	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.80	114	420260	50.00	ug/l	0.03
63) Chlorobenzene-d5	9.93	117	297746	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	12.62	152	137337	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.05	65	125578	41.31	ug/l	0.03
Spiked Amount 50.000			Recovery = 82.62%			
35) Dibromofluoromethane	4.34	113	151134	45.14	ug/l	0.04
Spiked Amount 50.000			Recovery = 90.28%			
50) Toluene-d8	7.73	98	314607	38.82	ug/l	0.03
Spiked Amount 50.000			Recovery = 77.64%			
62) 4-Bromofluorobenzene	11.51	95	109566	29.96	ug/l	0.02
Spiked Amount 50.000			Recovery = 59.92%			
Target Compounds						Qvalue
5) Bromomethane	1.41	94	138	Below Cal	#	51
11) Tert butyl alcohol	2.75	59	378	2.200 ug/l	#	1
13) Acrolein	2.12	56	800	Below Cal	#	13
15) Acrylonitrile	3.11	53	745	2.289 ug/l	#	21
16) Acetone	2.37	43	14306	23.261 ug/l	#	65
25) 2-Butanone	4.55	43	2407	3.115 ug/l	#	60
37) Ethyl Acetate	4.29	43	571	Below Cal	#	73
38) Carbon Tetrachloride	4.26	117	64	Below Cal	#	1
39) Methylcyclohexane	5.79	83	6590	1.820 ug/l	#	30
49) 1,4-Dioxane	6.93	88	68	Below Cal	#	1
51) 4-Methyl-2-Pentanone	8.42	43	1845	1.483 ug/l	#	52
59) 2-Hexanone	9.64	43	1643	1.909 ug/l		81

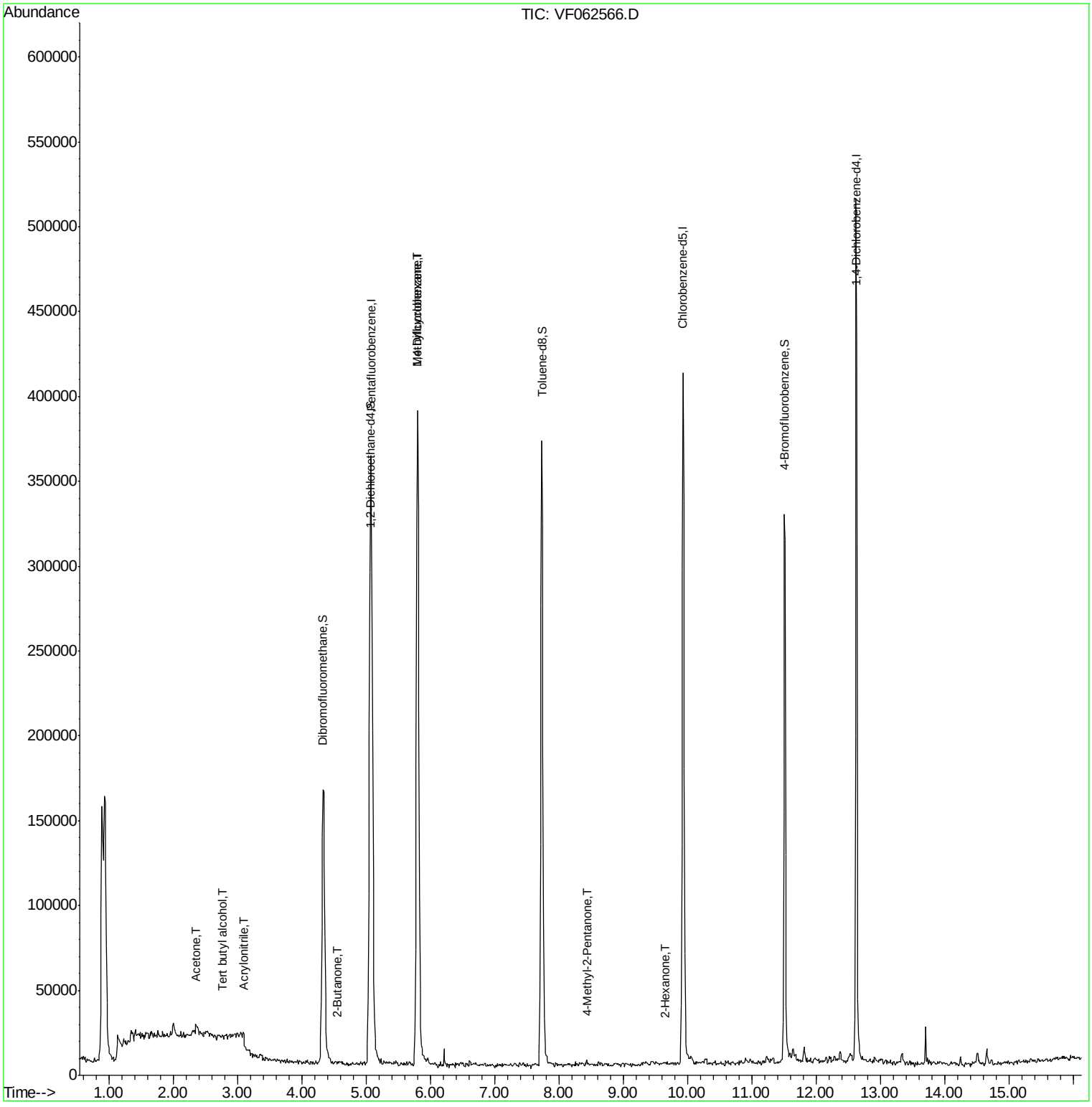
(#) = qualifier out of range (m) = manual integration (+) = signals summed

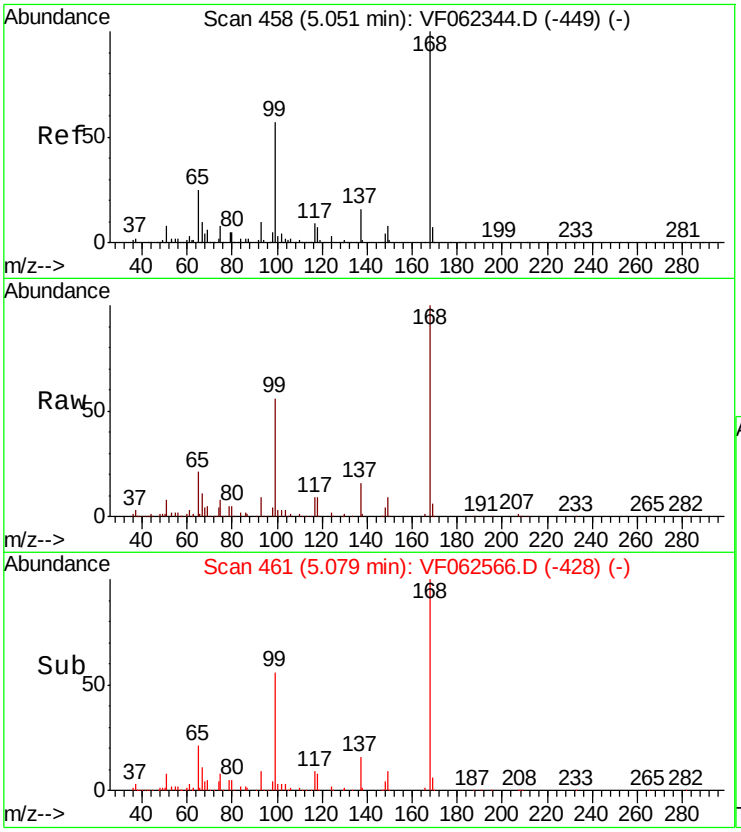
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051319\
Data File : VF062566.D
Acq On : 14 May 2019 4:03
Operator : FY/SY
Sample : K2756-14
Misc : 6.40g/5mL/MSVOA_F/SOIL
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
P021-SS007-1218-01

Quant Time: May 14 07:07:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 04:34:57 2019
Response via : Initial Calibration



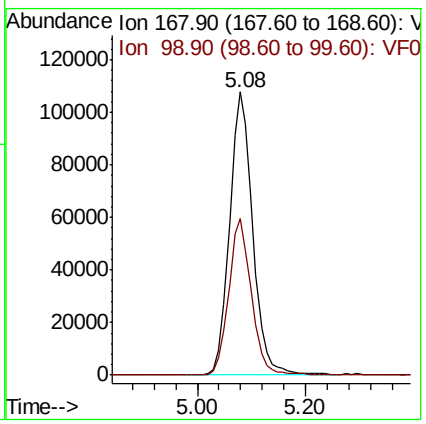


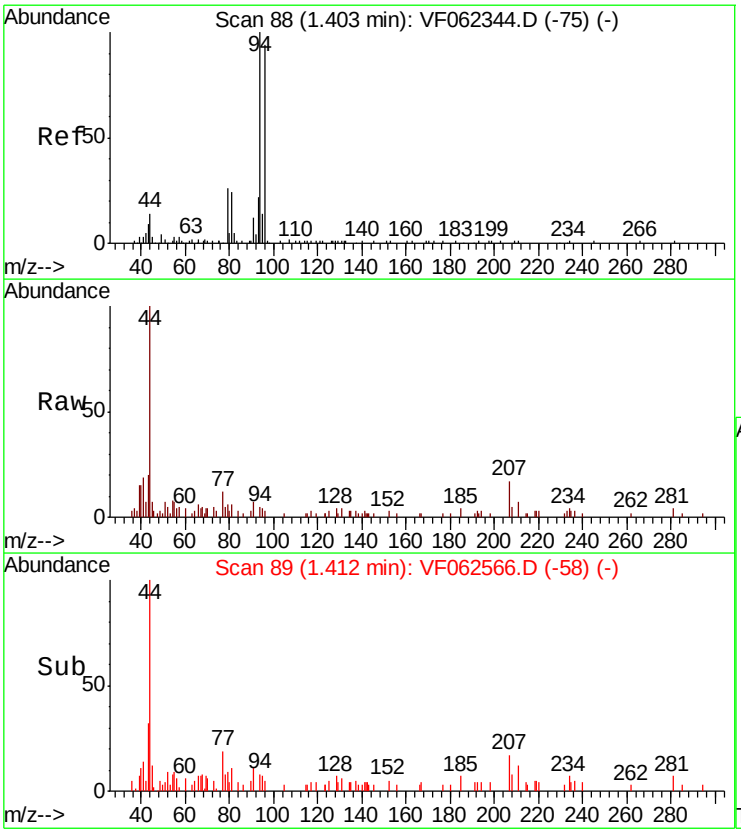
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.08 min Scan# 461
Delta R.T. 0.03 min
Lab File: VF062566.D
Acq: 14 May 2019 4:03

Instrument :
MSVOA_F
ClientSampleId :
P021-SS007-1218-01

Tgt Ion:168 Resp: 321702

Ion	Ratio	Lower	Upper
168	100		
99	55.5	45.9	68.9

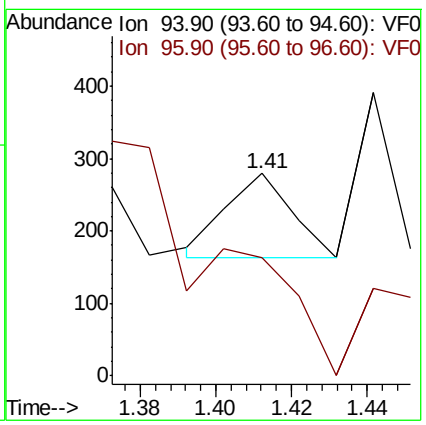


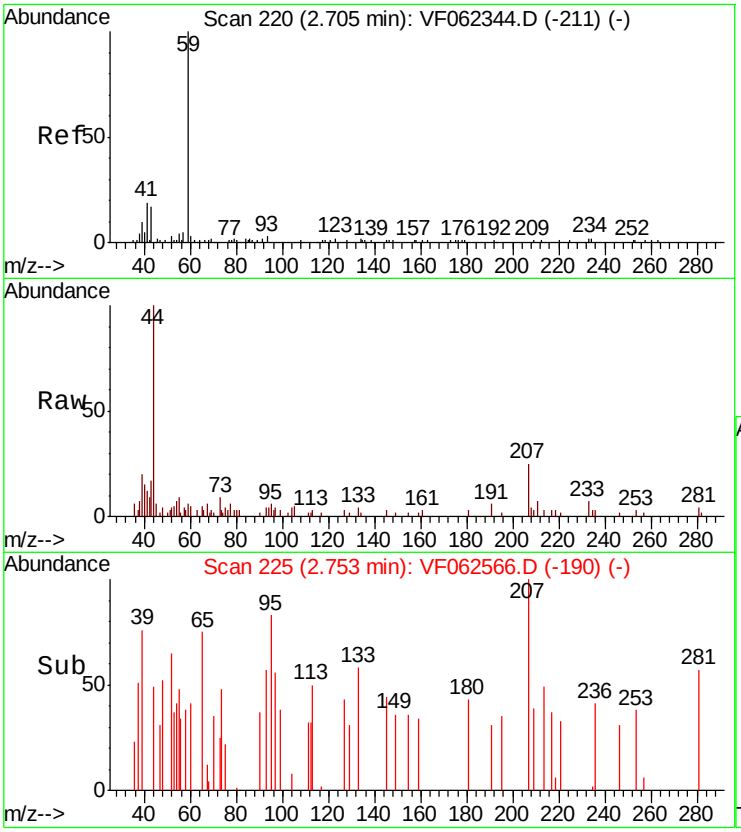


#5
Bromomethane
Concen: Below Cal
RT: 1.41 min Scan# 89
Delta R.T. 0.01 min
Lab File: VF062566.D
Acq: 14 May 2019 4:03

Tgt Ion: 94 Resp: 138

Ion	Ratio	Lower	Upper
94	100		
96	141.4	75.4	113.2#



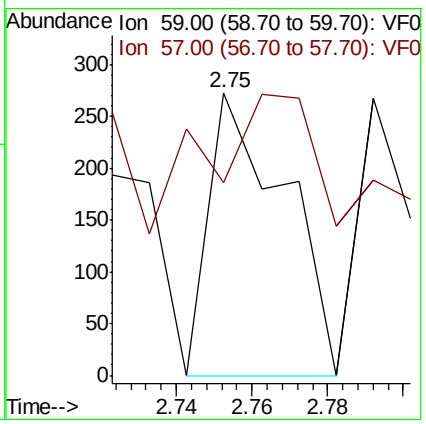


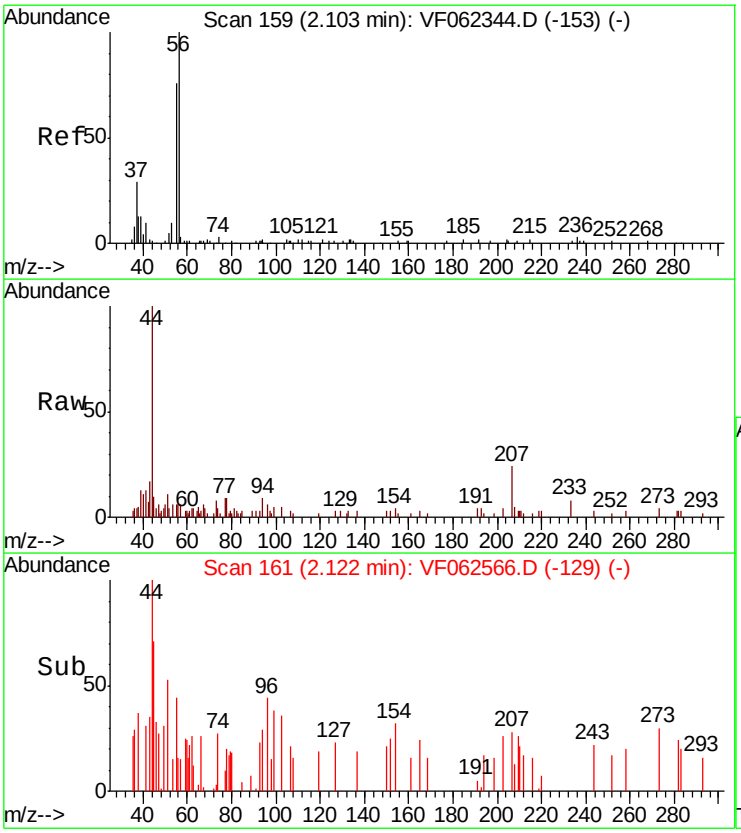
#11
Tert butyl alcohol
Concen: 2.200 ug/l
RT: 2.75 min Scan# 225
Delta R.T. 0.05 min
Lab File: VF062566.D
Acq: 14 May 2019 4:03

Instrument :
MSVOA_F
ClientSampleId :
P021-SS007-1218-01

Tgt Ion: 59 Resp: 378

Ion	Ratio	Lower	Upper
59	100		
57	182.0	9.3	13.9#

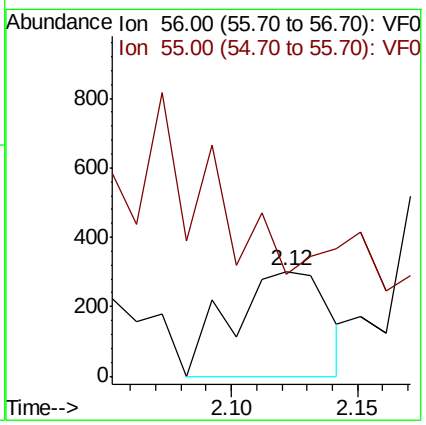


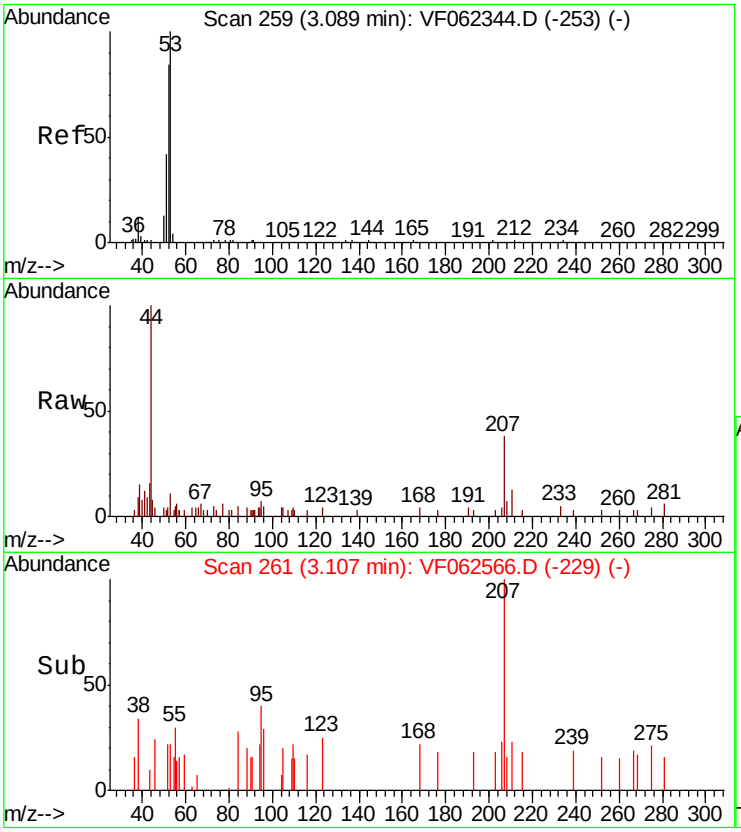


#13
Acrolein
Concen: Below Cal
RT: 2.12 min Scan# 161
Delta R.T. 0.02 min
Lab File: VF062566.D
Acq: 14 May 2019 4:03

Tgt Ion: 56 Resp: 800

Ion	Ratio	Lower	Upper
56	100		
55	0.0	58.4	87.6#



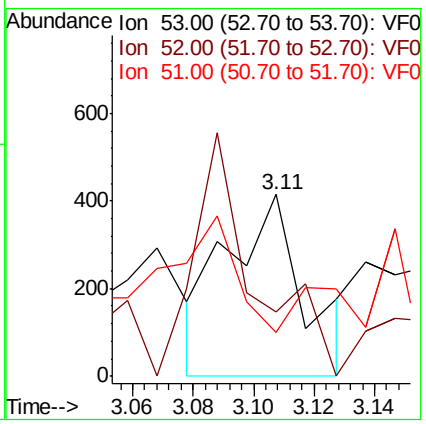


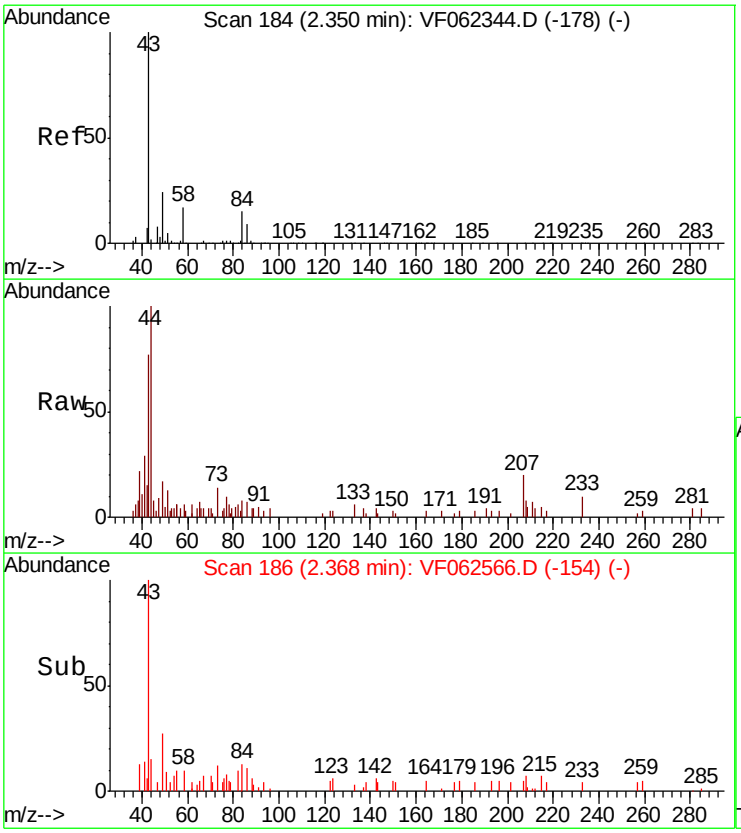
#15
Acrylonitrile
Concen: 2.289 ug/l
RT: 3.11 min Scan# 261
Delta R.T. 0.02 min
Lab File: VF062566.D
Acq: 14 May 2019 4:03

Instrument :
MSVOA_F
ClientSampleId :
P021-SS007-1218-01

Tgt Ion: 53 Resp: 745

Ion	Ratio	Lower	Upper
53	100		
52	0.0	77.2	115.8#
51	22.3	40.6	61.0#

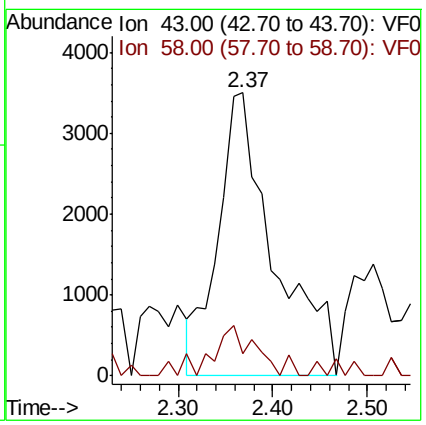


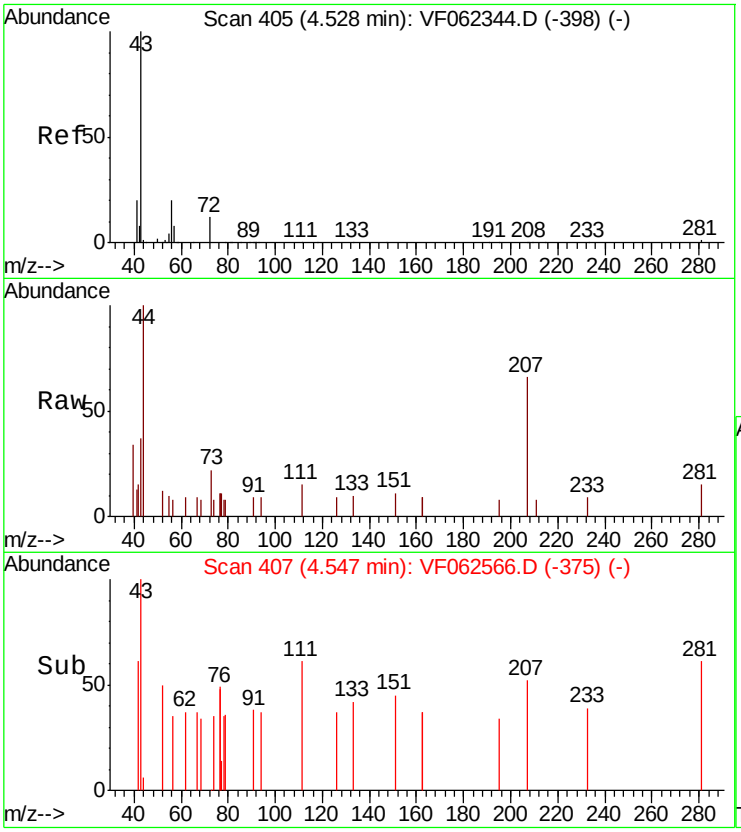


#16
Acetone
Concen: 23.261 ug/l
RT: 2.37 min Scan# 186
Delta R.T. 0.02 min
Lab File: VF062566.D
Acq: 14 May 2019 4:03

Tgt Ion: 43 Resp: 14306

Ion	Ratio	Lower	Upper
43	100		
58	1.5	13.1	19.7#



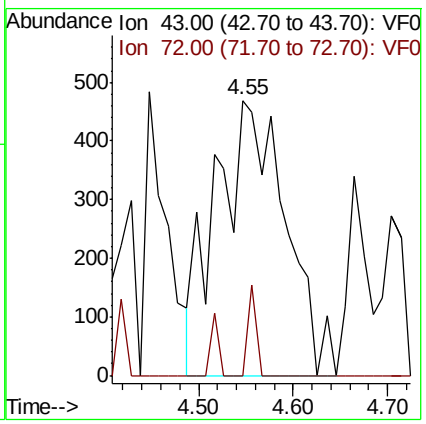


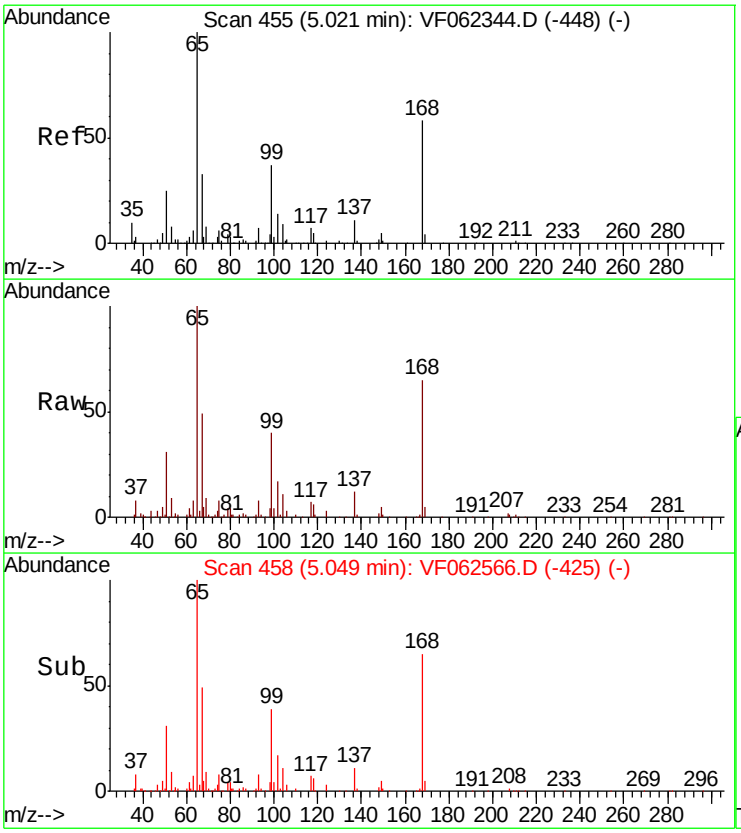
#25
2-Butanone
Concen: 3.115 ug/l
RT: 4.55 min Scan# 407
Delta R.T. 0.02 min
Lab File: VF062566.D
Acq: 14 May 2019 4:03

Instrument :
MSVOA_F
ClientSampleId :
P021-SS007-1218-01

Tgt Ion: 43 Resp: 2407

Ion	Ratio	Lower	Upper
43	100		
72	0.0	14.2	21.4#

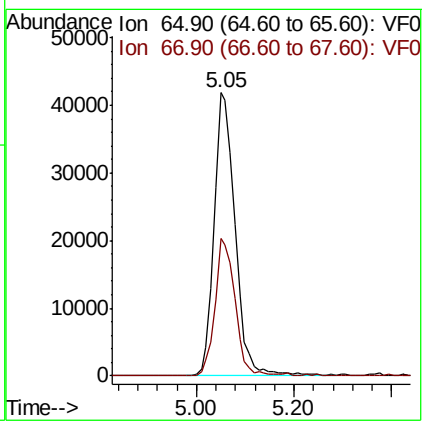


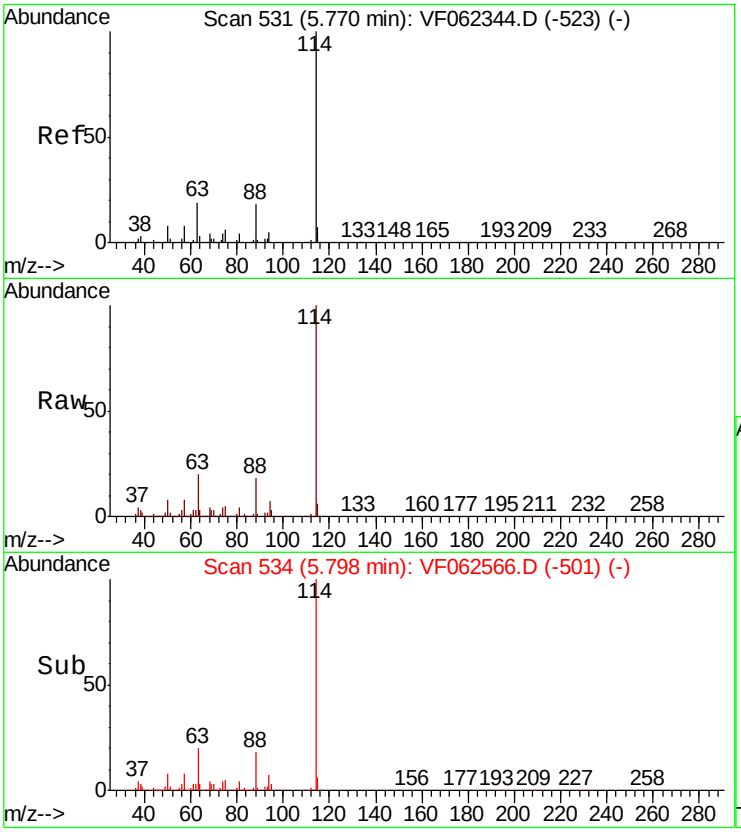


#33
1,2-Dichloroethane-d4
Concen: 41.306 ug/l
RT: 5.05 min Scan# 458
Delta R.T. 0.03 min
Lab File: VF062566.D
Acq: 14 May 2019 4:03

Tgt Ion: 65 Resp: 125578

Ion	Ratio	Lower	Upper
65	100		
67	46.8	0.0	85.8



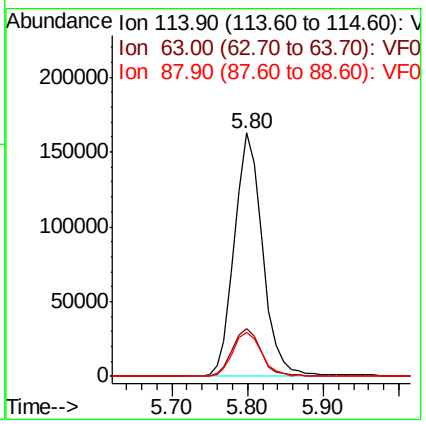


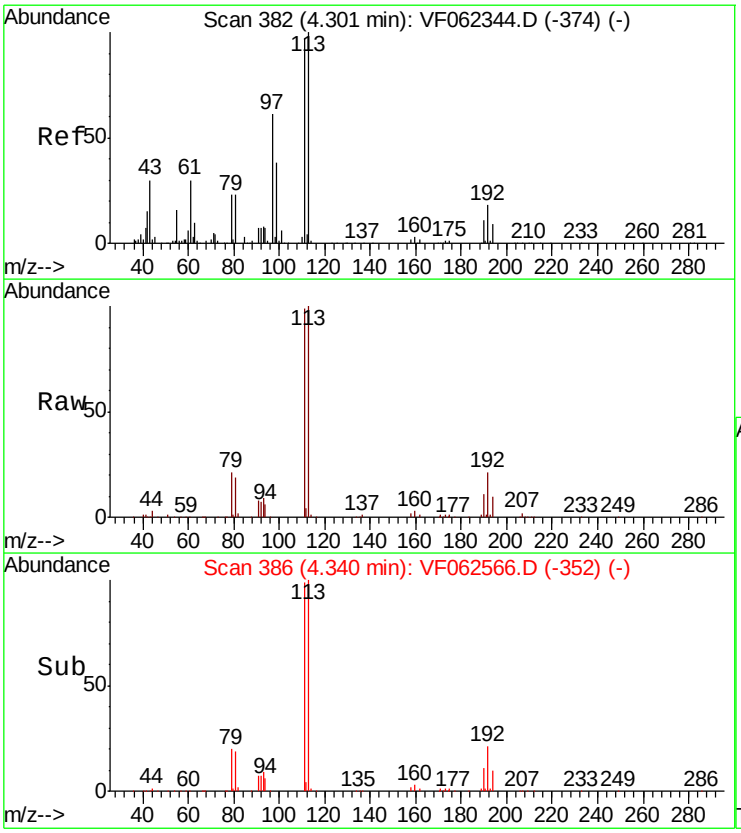
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.80 min Scan# 534
Delta R.T. 0.03 min
Lab File: VF062566.D
Acq: 14 May 2019 4:03

Instrument :
MSVOA_F
ClientSampleId :
P021-SS007-1218-01

Tgt Ion:114 Resp: 420260

Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	37.4
88	18.3	0.0	36.4

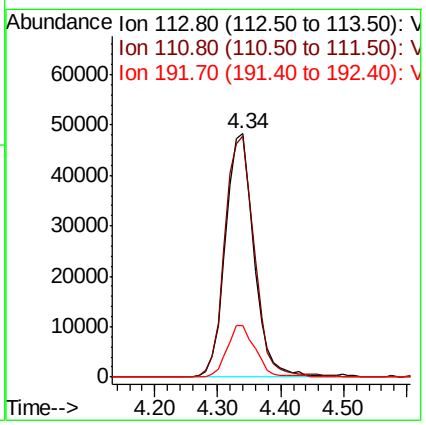


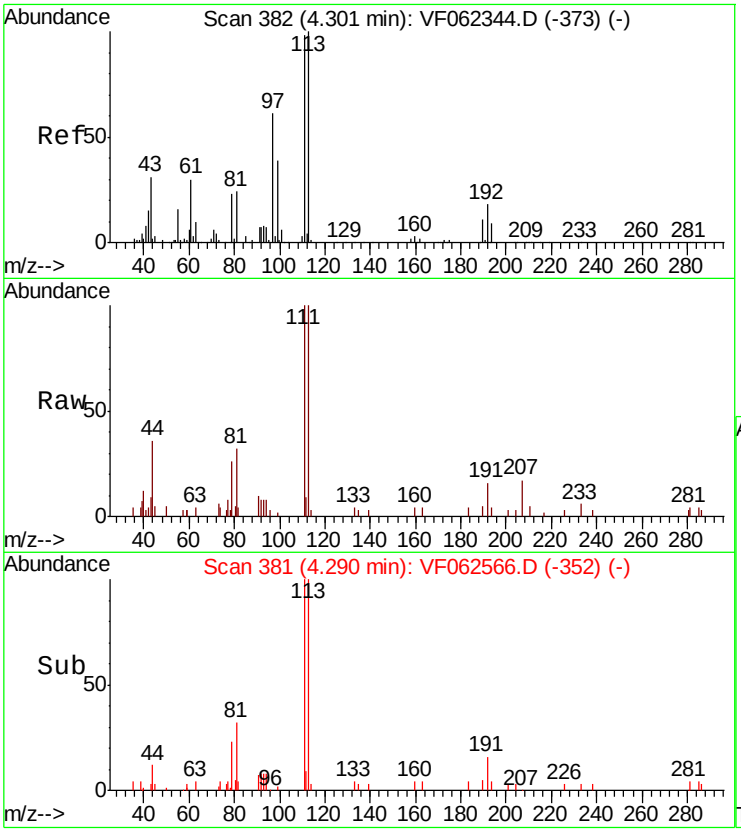


#35
Dibromofluoromethane
Concen: 45.140 ug/l
RT: 4.34 min Scan# 386
Delta R.T. 0.04 min
Lab File: VF062566.D
Acq: 14 May 2019 4:03

Tgt Ion:113 Resp: 151134

Ion	Ratio	Lower	Upper
113	100		
111	102.5	79.4	119.0
192	21.4	16.0	24.0



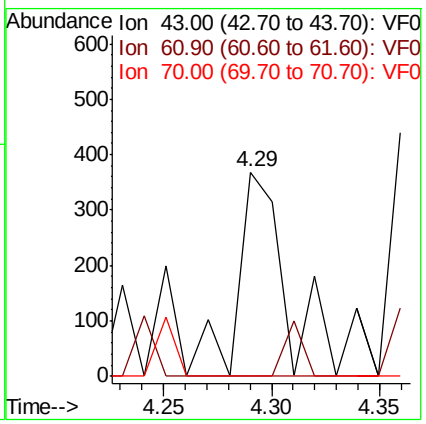


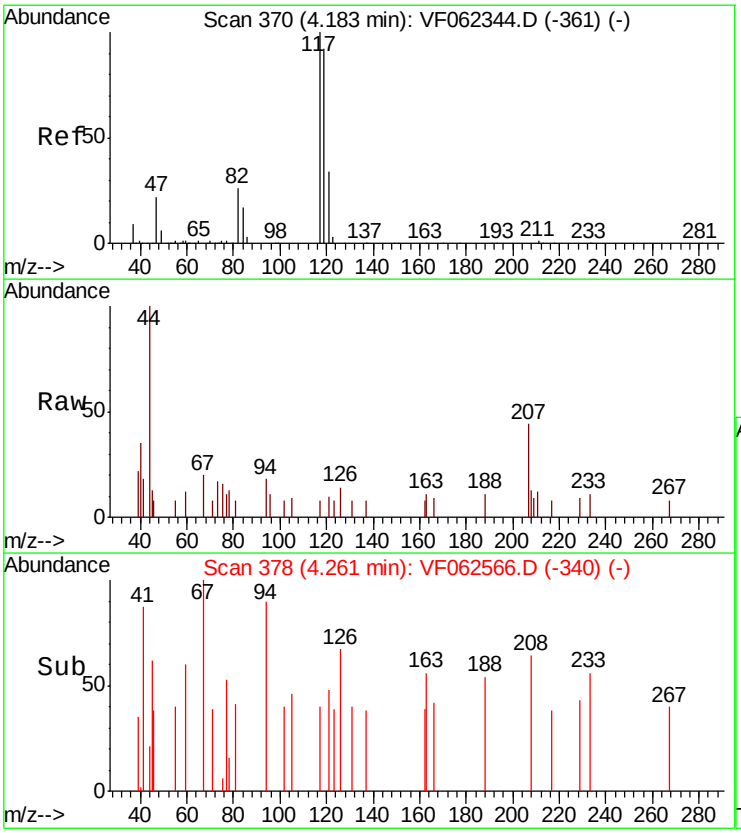
#37
Ethyl Acetate
Concen: Below Cal
RT: 4.29 min Scan# 381
Delta R.T. -0.01 min
Lab File: VF062566.D
Acq: 14 May 2019 4:03

Instrument :
MSVOA_F
ClientSampleId :
P021-SS007-1218-01

Tgt Ion: 43 Resp: 571

Ion	Ratio	Lower	Upper
43	100		
61	10.3	0.0	0.0#
70	0.0	8.2	12.2#

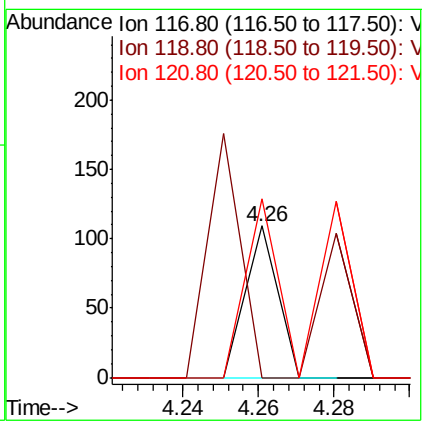


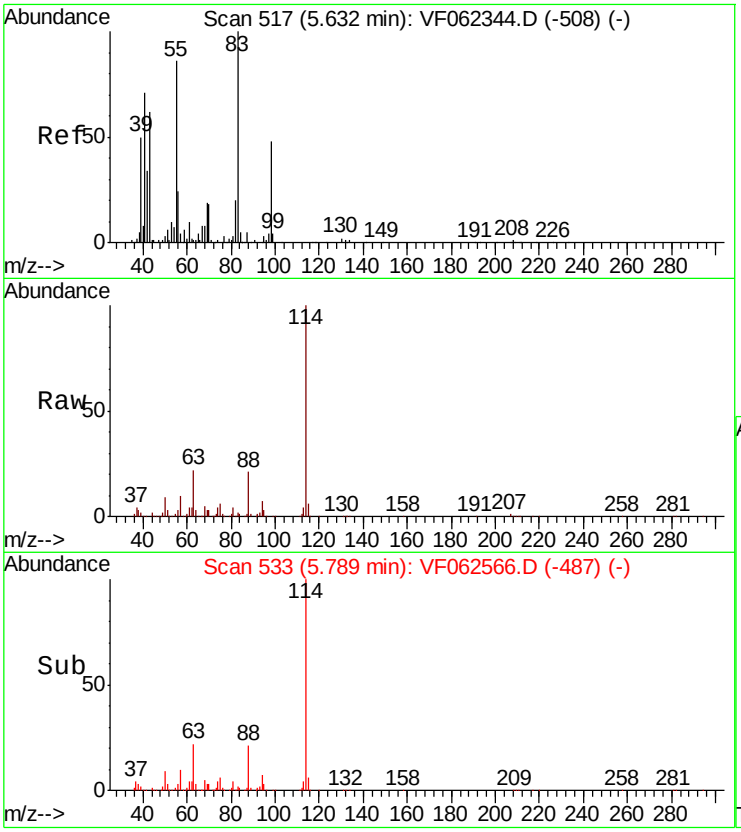


#38
Carbon Tetrachloride
Concen: Below Cal
RT: 4.26 min Scan# 378
Delta R.T. 0.08 min
Lab File: VF062566.D
Acq: 14 May 2019 4:03

Tgt Ion:117 Resp: 64

Ion	Ratio	Lower	Upper
117	100		
119	0.0	73.4	110.2#
121	118.3	27.4	41.0#



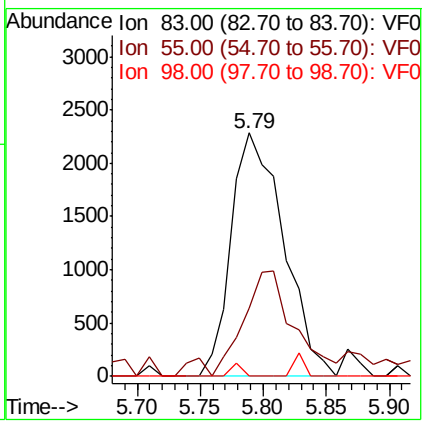


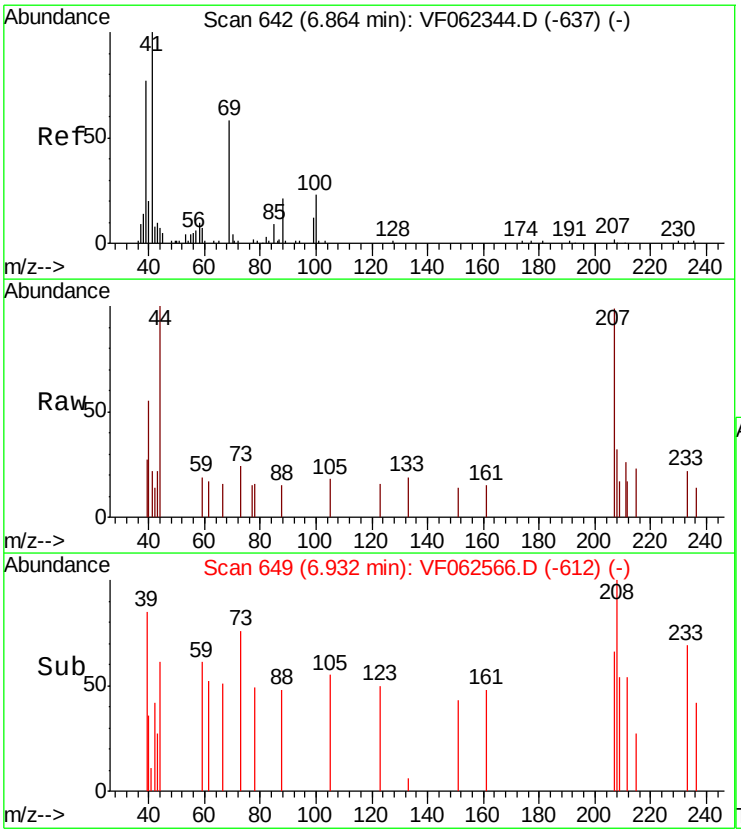
#39
Methylcyclohexane
Concen: 1.820 ug/l
RT: 5.79 min Scan# 533
Delta R.T. 0.16 min
Lab File: VF062566.D
Acq: 14 May 2019 4:03

Instrument : MSVOA_F
ClientSampleId : P021-SS007-1218-01

Tgt Ion: 83 Resp: 6590

Ion	Ratio	Lower	Upper
83	100		
55	22.7	69.0	103.6#
98	0.0	38.6	58.0#

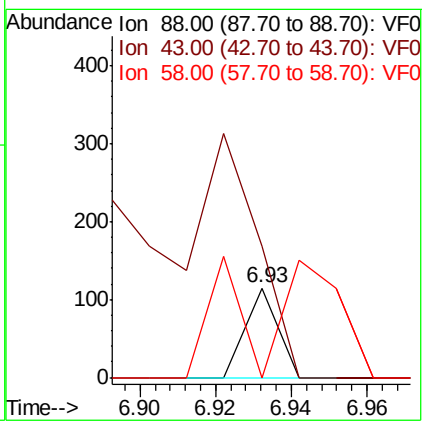


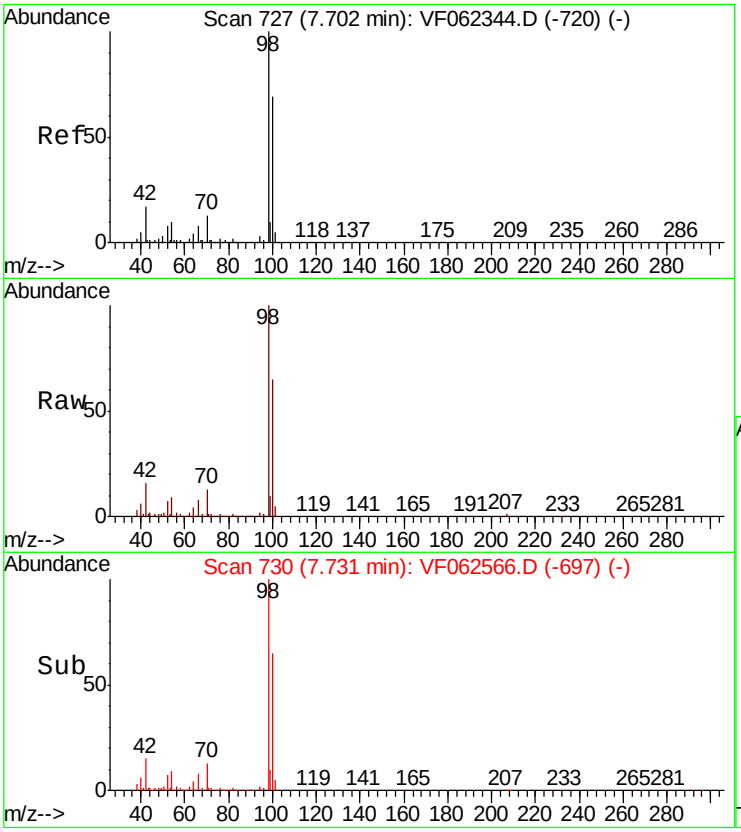


#49
1,4-Dioxane
Concen: Below Cal
RT: 6.93 min Scan# 649
Delta R.T. 0.07 min
Lab File: VF062566.D
Acq: 14 May 2019 4:03

Tgt Ion: 88 Resp: 68

Ion	Ratio	Lower	Upper
88	100		
43	883.8	55.6	83.4#
58	135.3	52.8	79.2#



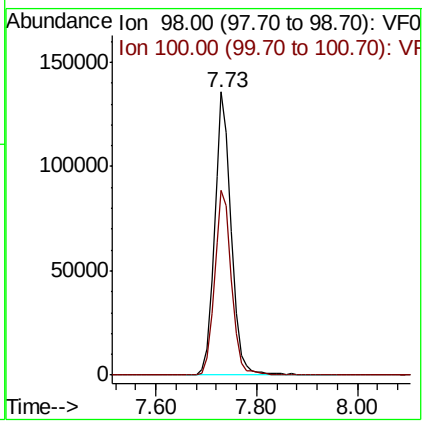


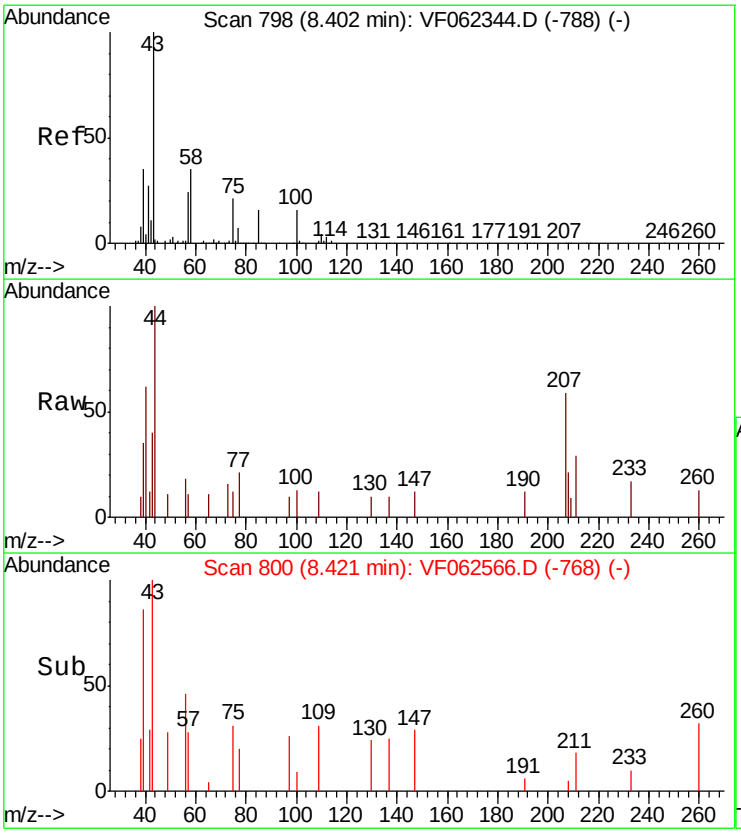
#50
Toluene-d8
Concen: 38.818 ug/l
RT: 7.73 min Scan# 730
Delta R.T. 0.03 min
Lab File: VF062566.D
Acq: 14 May 2019 4:03

Instrument : MSVOA_F
ClientSampleId : P021-SS007-1218-01

Tgt Ion: 98 Resp: 314607

Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.3	79.9

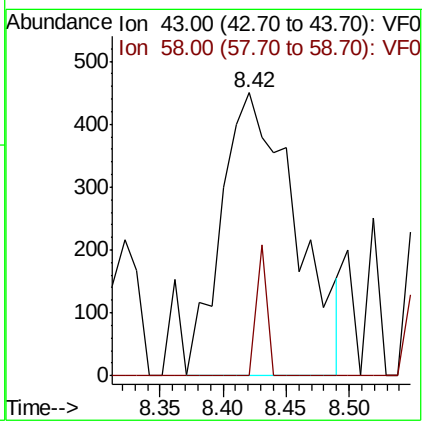


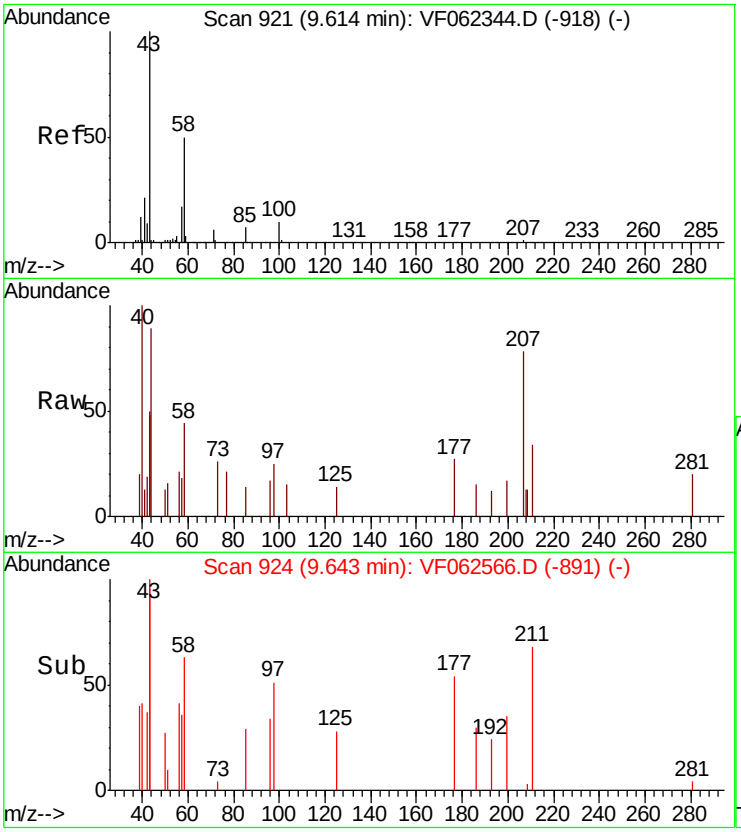


#51
4-Methyl-2-Pentanone
Concen: 1.483 ug/l
RT: 8.42 min Scan# 800
Delta R.T. 0.02 min
Lab File: VF062566.D
Acq: 14 May 2019 4:03

Tgt Ion: 43 Resp: 1845

Ion	Ratio	Lower	Upper
43	100		
58	6.7	27.8	41.6#



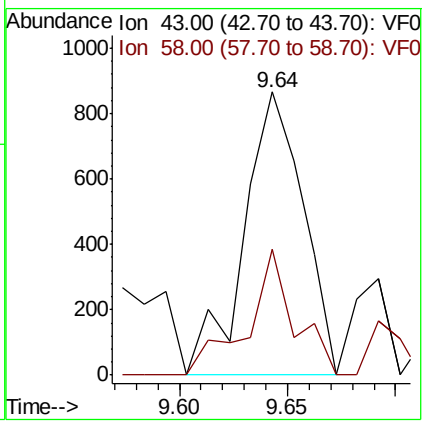


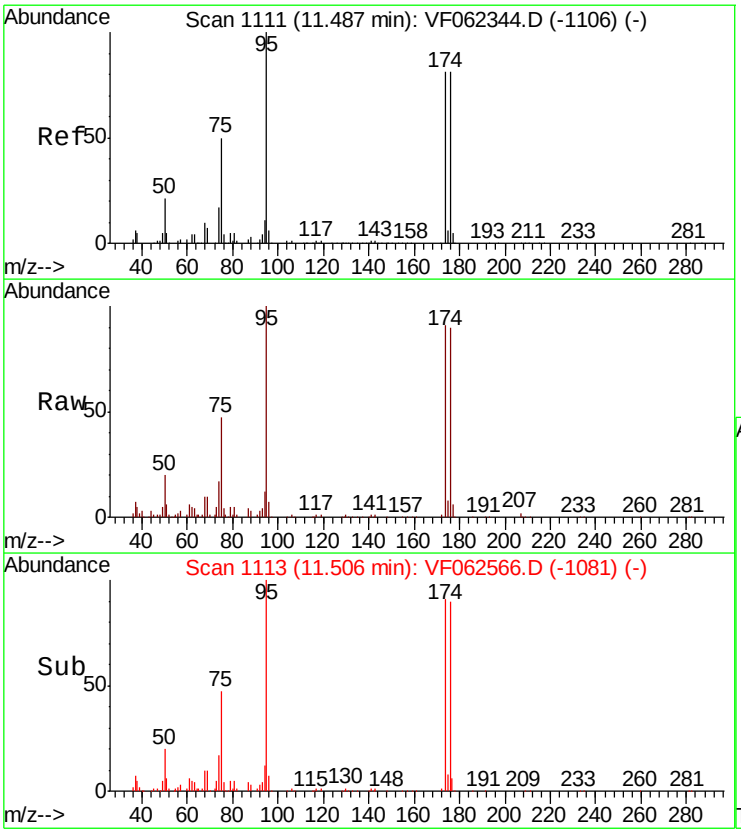
#59
2-Hexanone
Concen: 1.909 ug/l
RT: 9.64 min Scan# 924
Delta R.T. 0.03 min
Lab File: VF062566.D
Acq: 14 May 2019 4:03

Instrument :
MSVOA_F
ClientSampleId :
P021-SS007-1218-01

Tgt Ion: 43 Resp: 1643

Ion	Ratio	Lower	Upper
43	100		
58	35.5	24.3	73.0

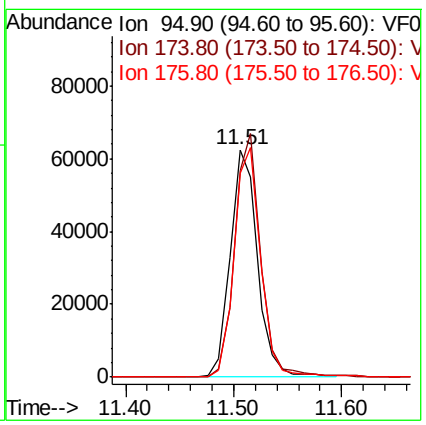


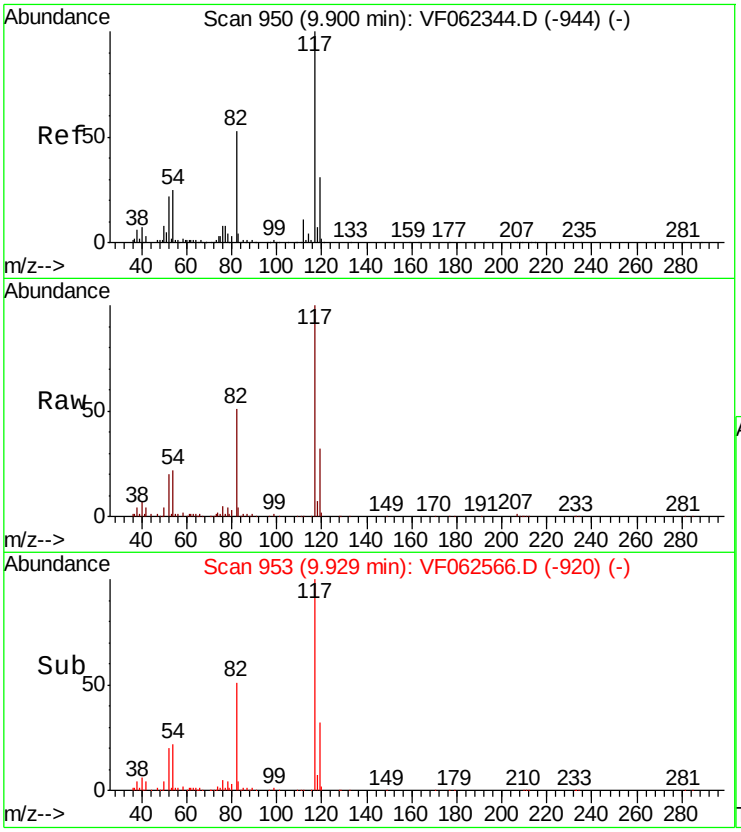


#62
4-Bromofluorobenzene
Concen: 29.964 ug/l
RT: 11.51 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VF062566.D
Acq: 14 May 2019 4:03

Tgt Ion: 95 Resp: 109566

Ion	Ratio	Lower	Upper
95	100		
174	102.4	0.0	191.8
176	99.2	0.0	193.2



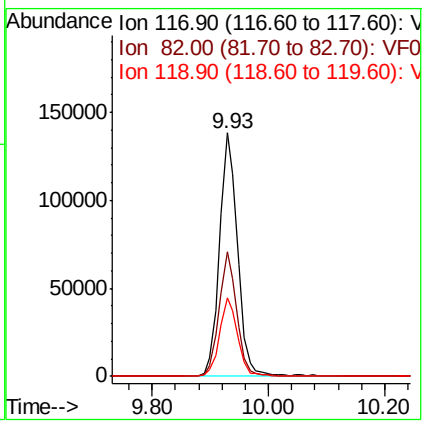


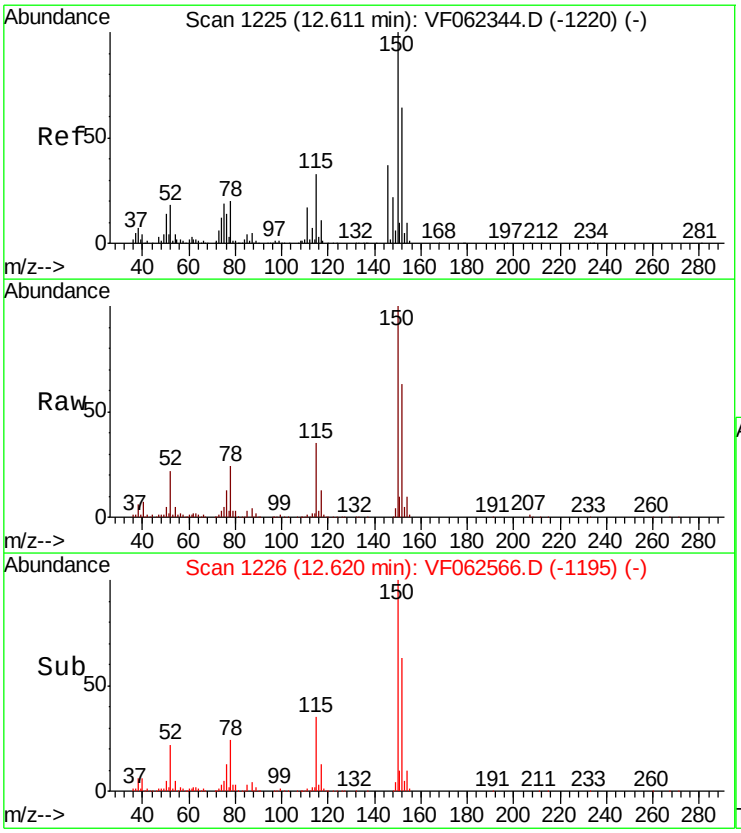
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.93 min Scan# 953
Delta R.T. 0.03 min
Lab File: VF062566.D
Acq: 14 May 2019 4:03

Instrument :
MSVOA_F
ClientSampleId :
P021-SS007-1218-01

Tgt Ion:117 Resp: 297746

Ion	Ratio	Lower	Upper
117	100		
82	51.1	42.2	63.2
119	32.2	25.0	37.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. 0.01 min
Lab File: VF062566.D
Acq: 14 May 2019 4:03

Tgt Ion:152 Resp: 137337

Ion	Ratio	Lower	Upper
152	100		
115	53.3	26.4	79.2
150	155.5	0.0	335.0